

October 2017

NOTIFICATION to Iowa Cities and Counties

SUBJECT: Permit Process for Advertising Signs

The purpose of this letter is to inform you of the Department's responsibility to control the erection and maintenance of advertising signs along interstate and primary highways.

We have found that some local authorities have been unaware of state regulations that must be met in addition to local ordinances with respect to advertising signs on private property, (no signs, other than those authorized by the Manual on Traffic Control Devices are allowed in the right of way), along interstate and primary highways.

Signs advertising a product, which is not available, or an activity that does not take place at the sign's location are considered off-premise signs and outdoor advertising permits are required from the Department. A sign must meet established size, lighting, spacing, and zoning requirements before a permit can be issued.

We ask that in your dealings with sign owners that you alert them to the possibility that a state permit might be necessary. This will eliminate any unnecessary expense that could occur if they erect a sign that conforms to the local ordinance but must be removed later because it does not comply with state law.

We appreciate your cooperation in this matter. If you are not the person who oversees the signing ordinances for your jurisdiction, we would ask that you pass this letter on to the appropriate individual.

We do, as a matter of practice, require that the local zoning authority sign off on all outdoor advertising permit applications. This gives you the opportunity to share with the sign owner any regulations and requirements that you might have in addition to those contained in state law. This does not prohibit the local authority from establishing standards, which are more restrictive than state law. It is, however, the responsibility of the local jurisdiction to enforce their own ordinances.

If you have any questions regarding this matter feel free to contact our office at the telephone number listed above or visit our website at www.iowadot.gov/iowaroadsigns.

Sincerely,

Brent Christian
Right of Way Agent
brent.christian@iowadot.us

BC:sa



**CITY OF STANTON, IOWA
PO BOX 189
STANTON, IA 51573**

Council Members
James Cavner
Ray Guffey
Eric Paulson
Sheryl Porter
Jessica Sundberg

Mayor
Kirk Requist

TO: City and County Zoning Officials
FROM: City of Stanton
DATE: August 27, 2019
SUBJECT: Grain Bin Notice

When dealing with agricultural zoning regarding a new a grain bin, please contact the local electric utility.

The City of Stanton will provide assistance in planning for a safe environment for everyone working and living around grain bins. The State of Iowa requires specific clearances for electric lines around grain bins, with different standards for those filled by portable and permanent augers, conveyors and elevators.

The attachment to this letter shows a drawing of the specific clearances required for both scenarios. If you have any questions concerning the drawings, please contact the City of Stanton at (888)220-4869 #3.

According to the Iowa Electric Safety Code found in Iowa Administrative Code Chapter 199-25-2(3) (b) *An electric utility may refuse to provide electric service to any grain bin built near an existing electric line which does not provide the clearances required by The American National Standards Institute (ANSI) C2-2017 "National Electrical Safety Code", Rule 234f. This paragraph "b" shall apply only to grain bins loaded by portable augers, conveyors or elevators and built after September 9, 1992, or to grain bins loaded by permanently installed augers, conveyors or elevator systems built after December 24, 1997.* The Iowa Utilities Board has adopted this language.

The City of Stanton is required by the Iowa Utilities Board to provide this annual notice to farmers, farm lenders, grain bin merchants and city and county zoning officials. If you have any questions concerning clearance regulations, please call your local utility at (888)220-4869 #3.

Sincerely,

CITY OF STANTON, IOWA



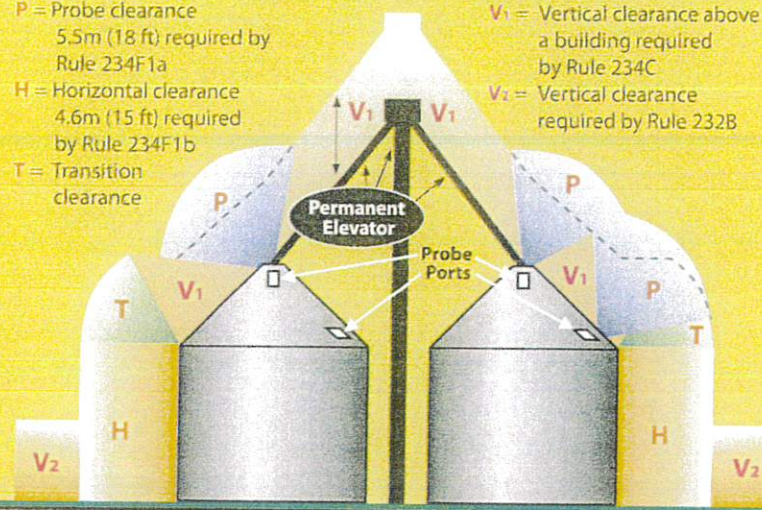
Marilyn Rubel
City Clerk

Enclosure

Clearance envelope for grain bins filled by permanently installed augers, conveyors or elevators

P = Probe clearance
5.5 m (18 ft) required by
Rule 234F1a
H = Horizontal clearance
4.6 m (15 ft) required
by Rule 234F1b
T = Transition
clearance

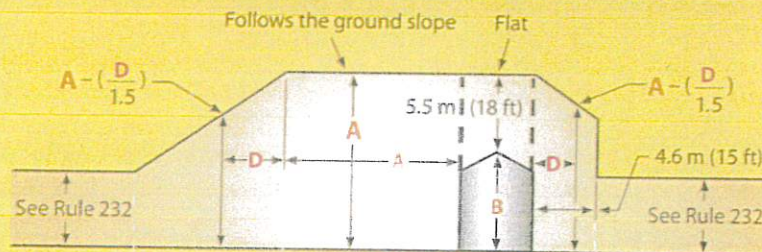
V₁ = Vertical clearance above
a building required
by Rule 234C
V₂ = Vertical clearance
required by Rule 232B



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Clearance envelope for grain bins filled by portable augers, conveyors or elevators

ELEVATION



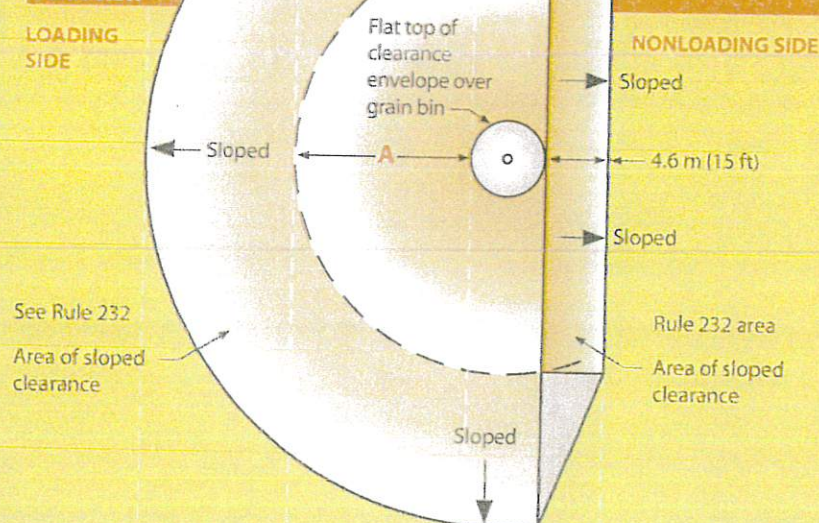
B = Height of highest filling or
probing port on grain bin
A = B + 5.5 m (18 ft)
D = Variable horizontal
dimension

In the area of sloped
clearance, the vertical
clearance is reduced by
300 mm (1 ft) for each
additional 450 mm (1.5 ft)
of horizontal distance
from the grain bin.

PLAN VIEW

LOADING
SIDE

NONLOADING SIDE



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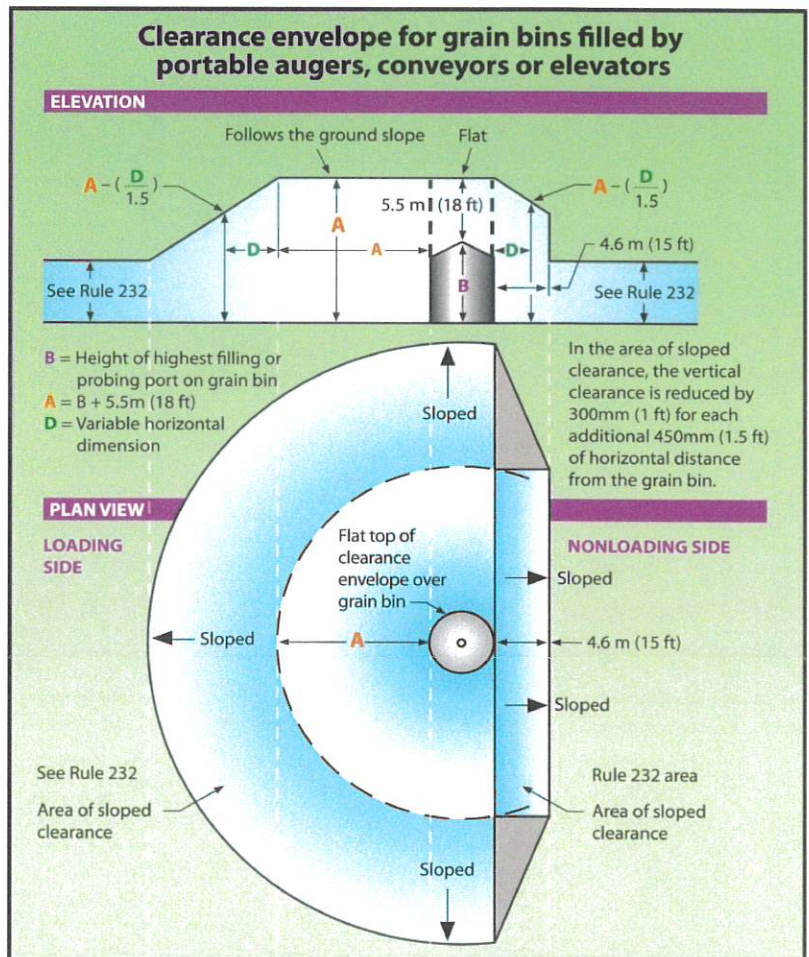
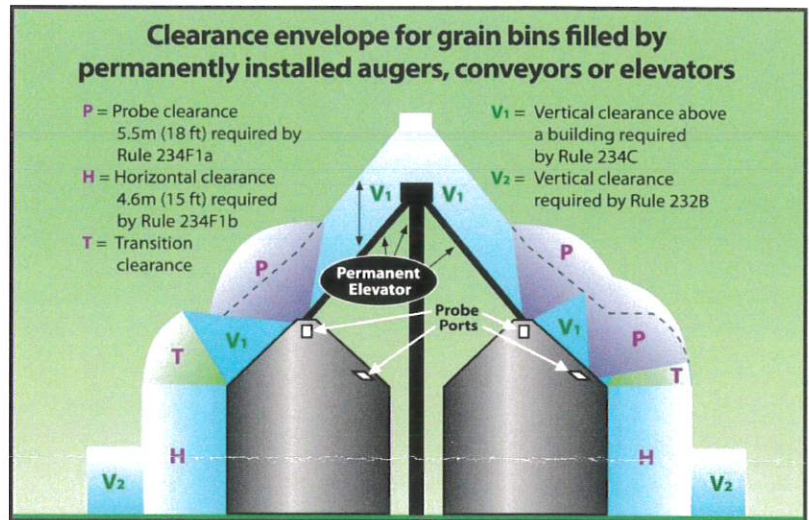
Grain Bin Clearance Safety

MidAmerican Energy Company (MidAmerican) is committed to providing important information to help ensure safety when working near electrical facilities. Part of that effort is to provide an annual notice to farm lenders, grain bin merchants, and city and county zoning officials of the hazards of and standards for construction of grain bins near overhead power lines.

Iowa Administrative Code (IAC) Section 199-25.2(3)b requires that specific minimum safety clearances be maintained between grain bins and electrical lines in accordance with American National Standards Institute (ANSI) C2-2017 "National Electrical Safety Code", Rule 234F. The accompanying diagrams show these minimum clearance envelopes from electrical lines. Constructing or operating a grain bin in violation of these standards creates a hazardous condition that may lead to a risk of burns, shock or electrocution.

Prior to planning modifications to or construction of new grain bins, please advise the customer to contact MidAmerican at **1-888-427-5632** to discuss the specific location and to determine if MidAmerican can assist in any possible conflicts with nearby electrical facilities.

Your assistance in this matter is appreciated and will help ensure that the grain bin is properly positioned and safe to operate.



National Electrical Safety Code® (NESC®) (Accredited Standards Committee C2-2017)